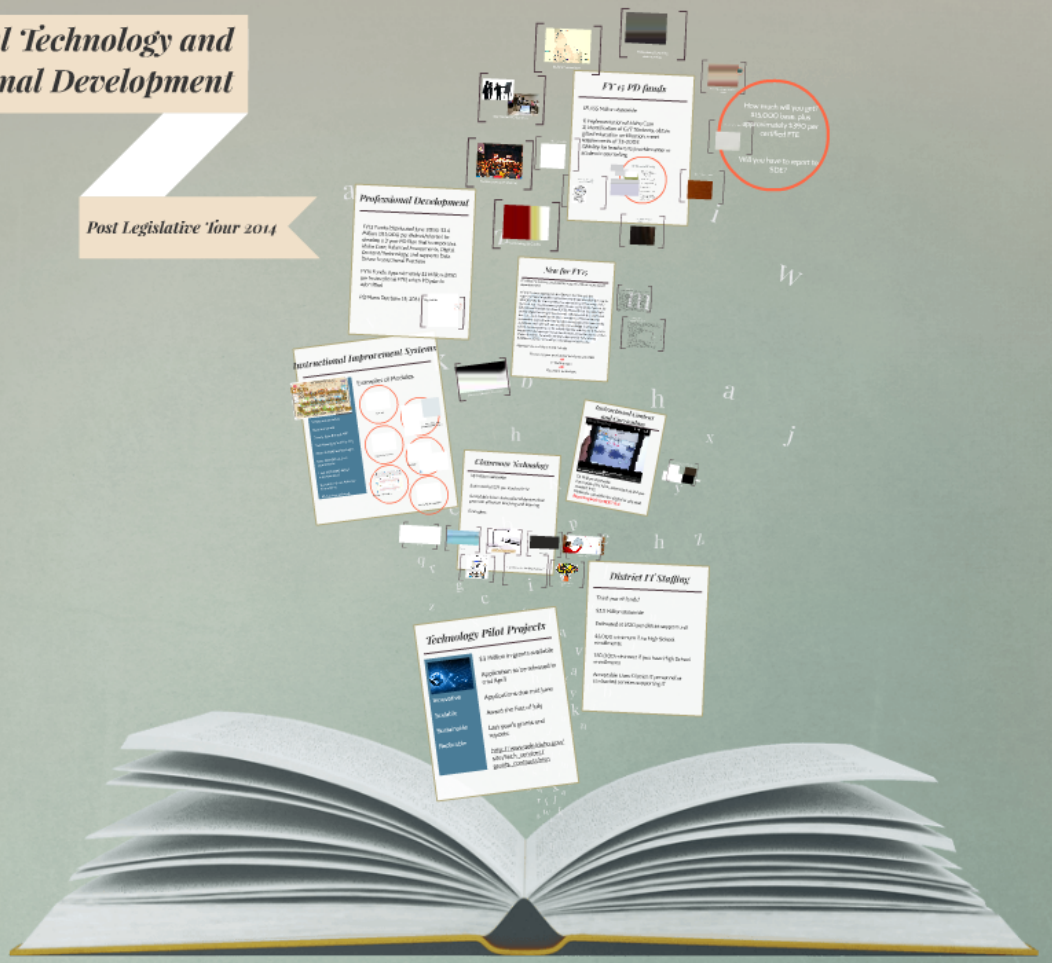
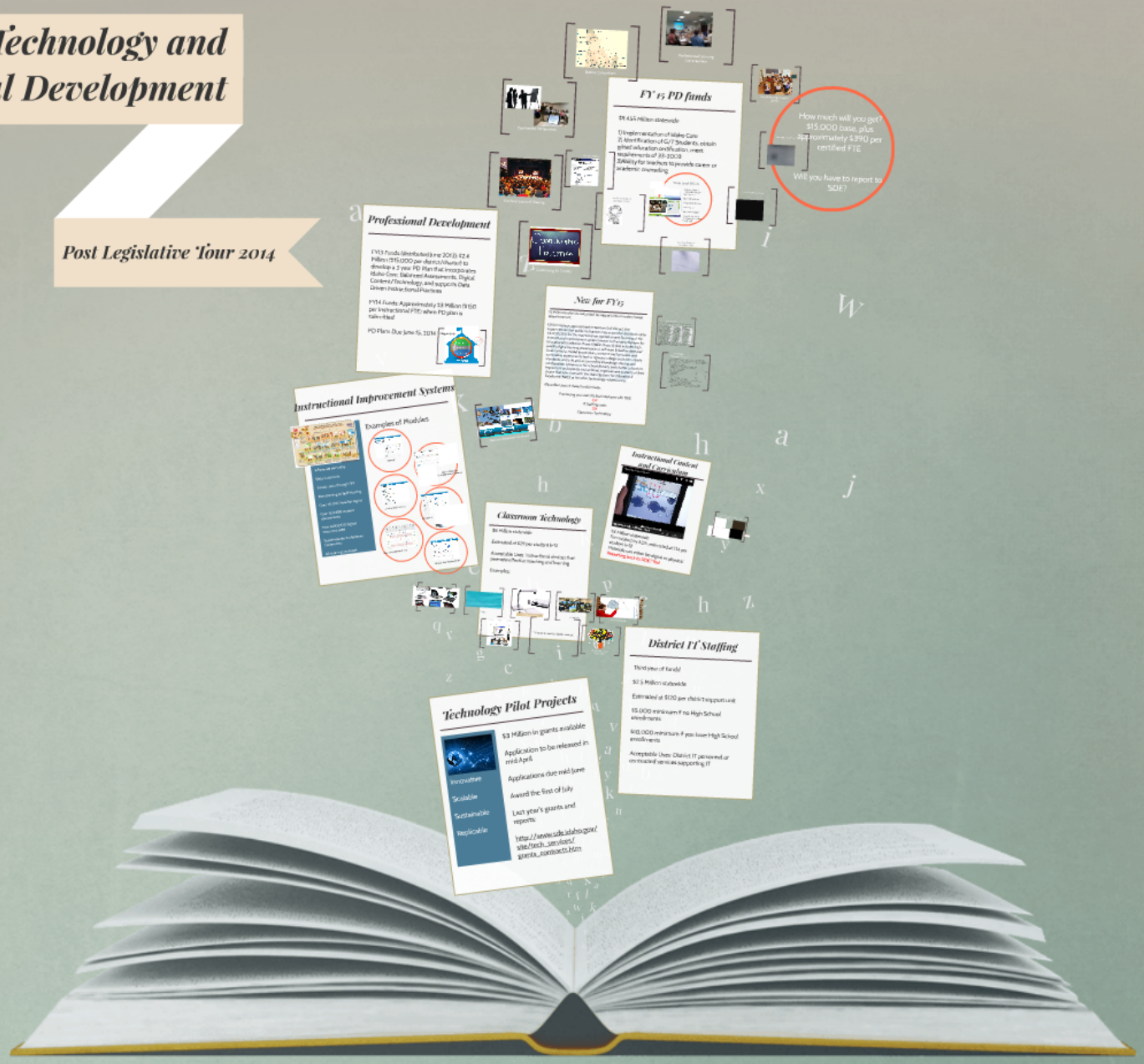
Instructional Technology and Professional Development

Post Legislative Tour 2014



Instructional Technology and Professional Development

Post Legislative Tour 2014



Prezi

Instructional Technology and Professional Development

Post Legislative Tour 2014

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Technology Pilot Projects

Innovative

Scalable

Sustainable

Replicable

$3 Million in grants available

Application to be released in mid April

Applications due mid June

Award the first of July

Last year's grants and reports:

http://www.sde.idaho.gov/site/tech_services/grants_contracts.htm

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District IT Staffing

Third year of funds!

$2.5 Million statewide

Estimated at $120 per district support unit

$5,000 minimum if no High School enrollments

$10,000 minimum if you have High School enrollments

Acceptable Uses: District IT personnel or contracted services supporting IT

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Classroom Technology

$8 Million statewide

Estimated at $29 per student k-12

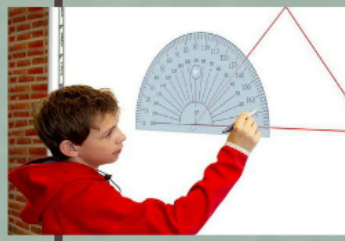
Acceptable Uses: Instructional devices that promote effective teaching and learning

Examples:

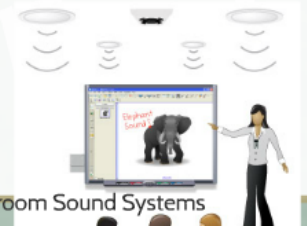
Tablets

Projection Systems

Computers



Interactive Board



Classroom Sound Systems

Cannot be used for digital resources

Development Suite

$4 Million
Formulate
student k-1
Materials ca
Reporting b

Prezi

Laptops

Prezi

Tablets

Prezi

Projection Systems

Prezi

Computers

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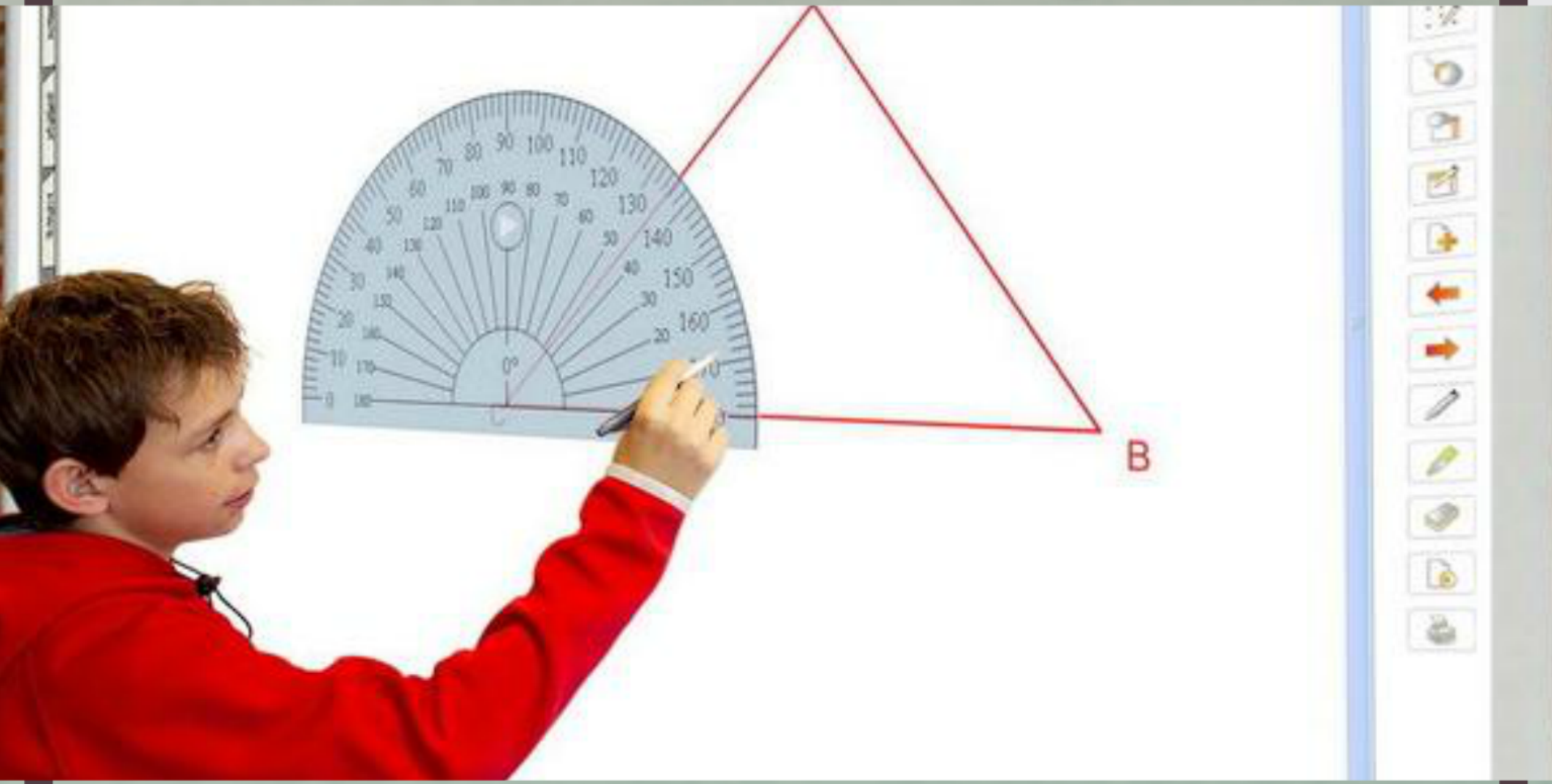

Interactive Boards

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Classroom Sound Systems

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Other Instructional Technologies

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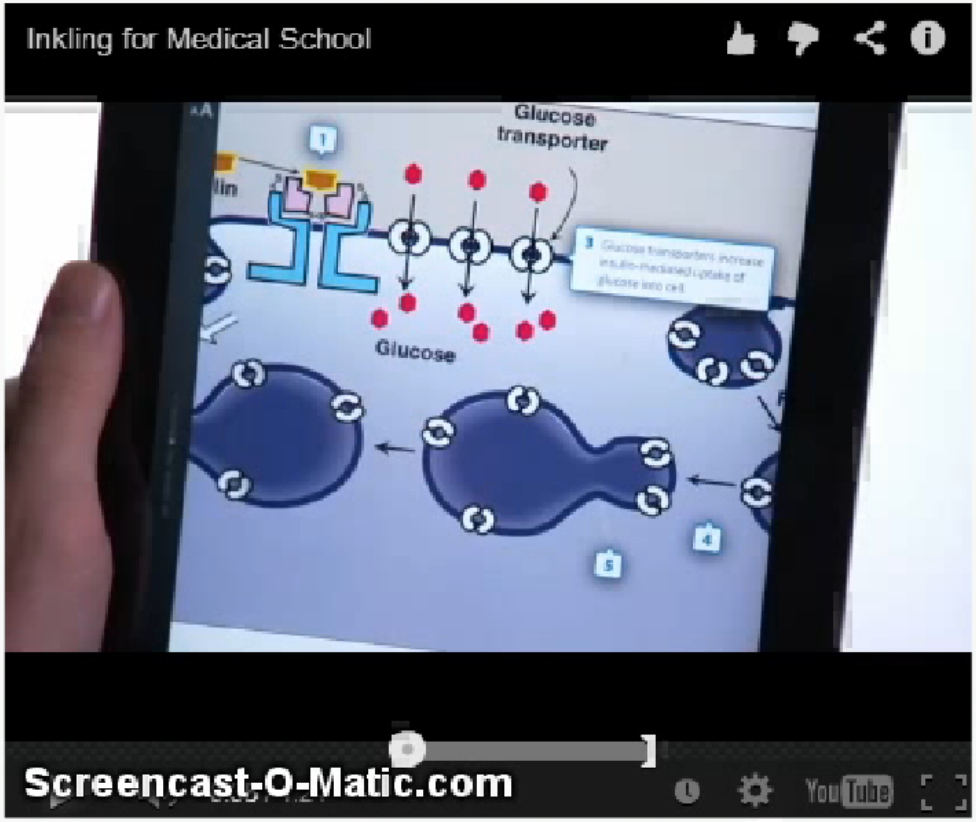
Cannot be used for digital resources

Instructional Content and Curriculum



$4 Million statewide

Formulated by ADA, estimated at $14 per student k-12

Materials can either be digital or physical

Reporting back to SDE? Yes!

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Content? Open source, transition to digital content , create digital textbooks, use creative commons?

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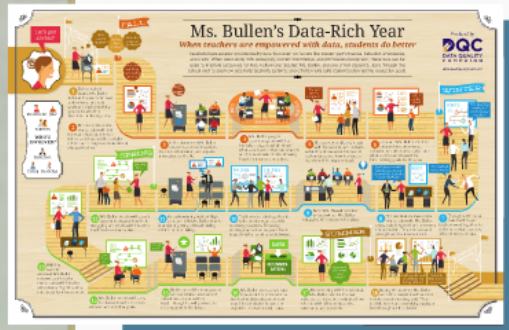
Creative Commons

http://creativecommons.org/about/cc0

Prezi

Instructional Improvement Systems



Where we are today:

Data is accurate

Timely data through FFF

Transitioning to Self Hosting

Over 10,000 teacher logins

Over 50,000 student assessments

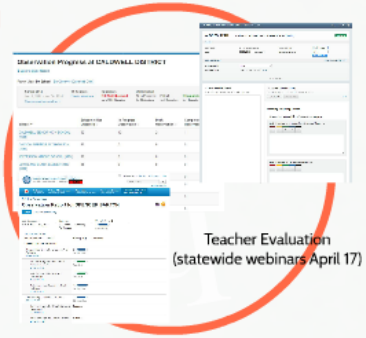
Over 600,000 digital resources used

Superintendents Advisory Committee

All trainings archived

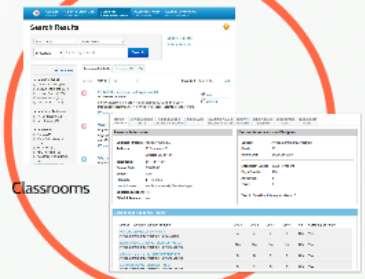
Examples of Modules

Outreach

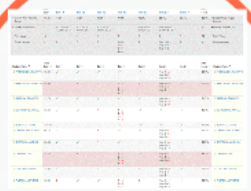


Teacher Evaluation
(statewide webinars April 17)

School and District Data



Classrooms



Assessment Administration

Educator Development Suite

Discovery Education Co

Classroo

$8 Million statewide

Estimated at $29 per

Acceptable Uses: Instr
promote effective tea

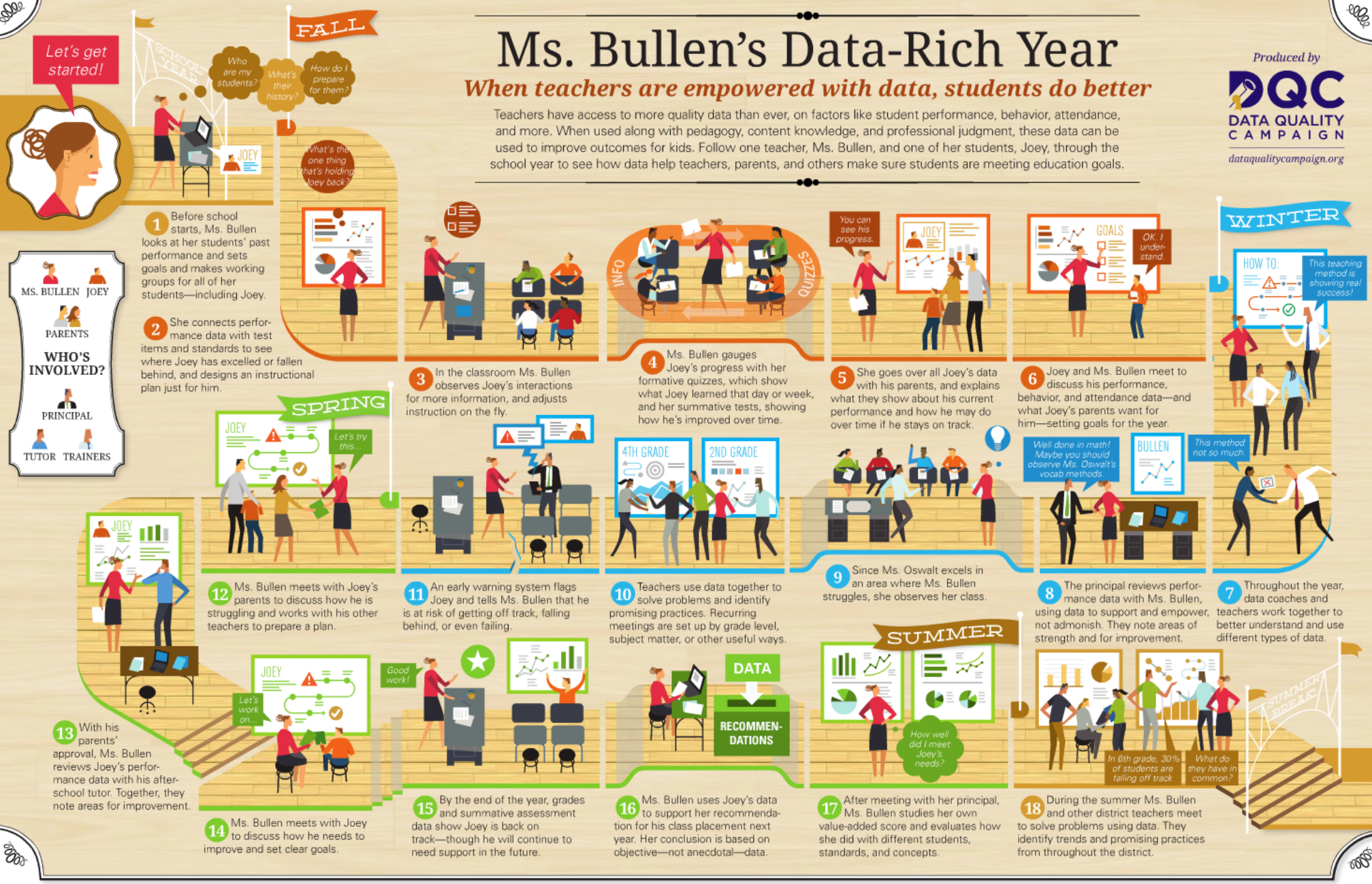
Prezi

Ms. Bullen's Data-Rich Year

When teachers are empowered with data, students do better

Teachers have access to more quality data than ever, on factors like student performance, behavior, attendance, and more. When used along with pedagogy, content knowledge, and professional judgment, these data can be used to improve outcomes for kids. Follow one teacher, Ms. Bullen, and one of her students, Joey, through the school year to see how data help teachers, parents, and others make sure students are meeting education goals.

Produced by
DQC DATA QUALITY CAMPAIGN
dataqualitycampaign.org



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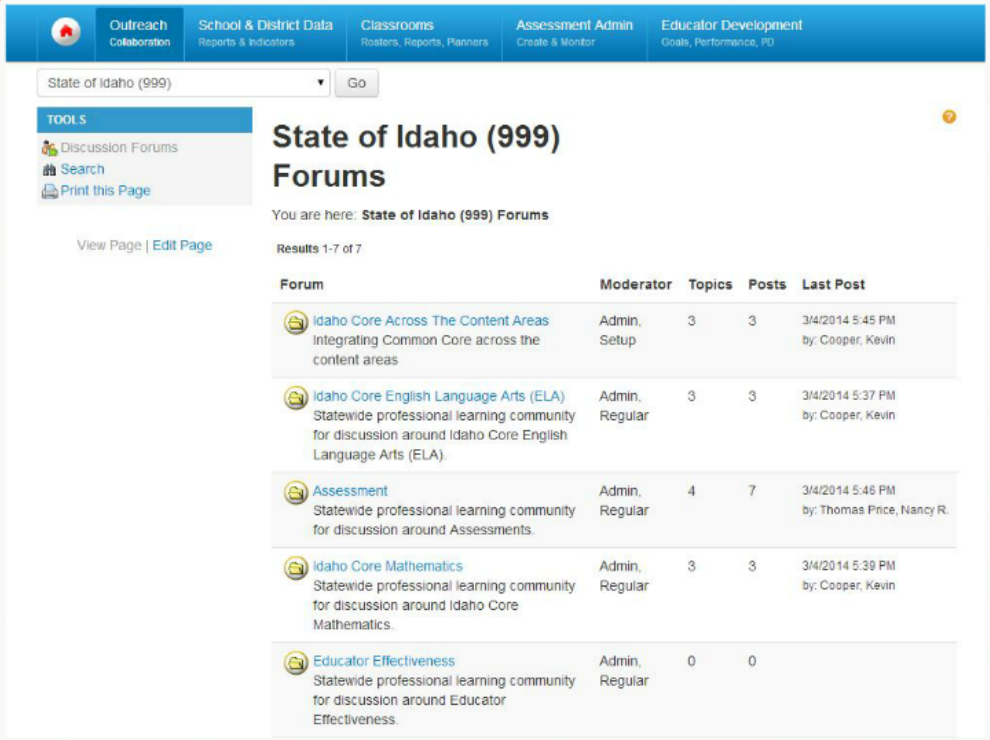
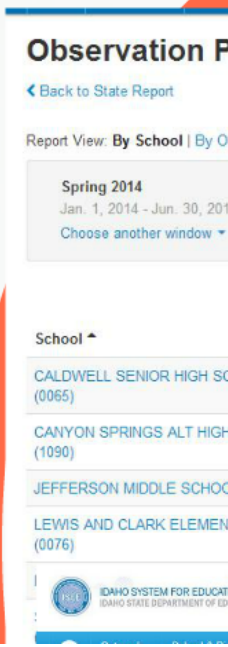


Outreach



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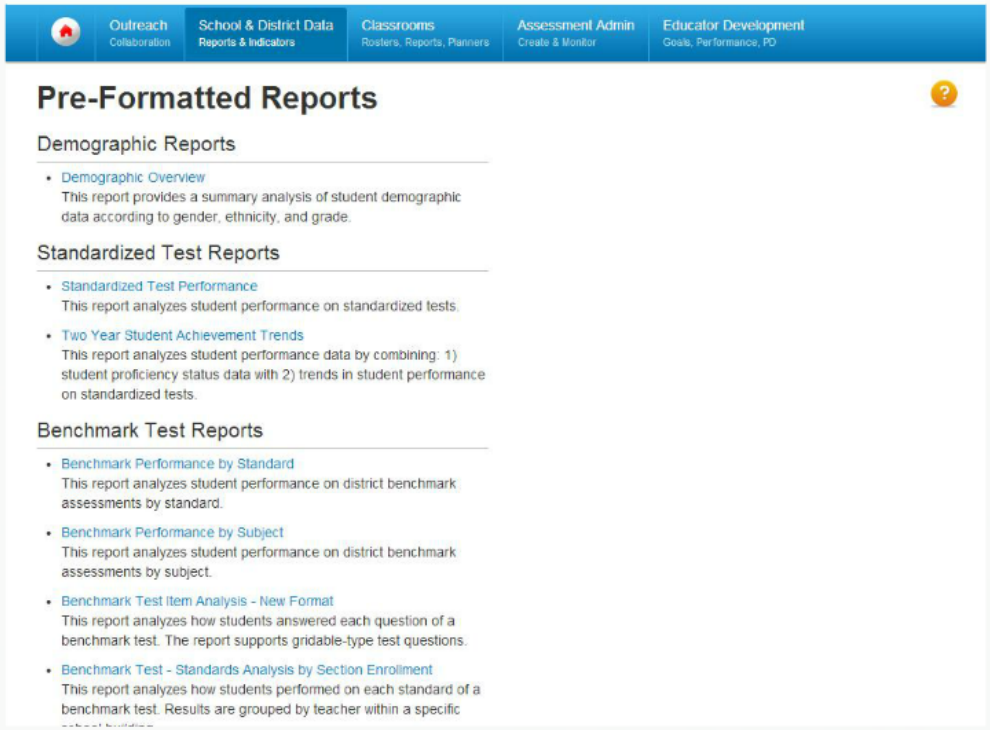
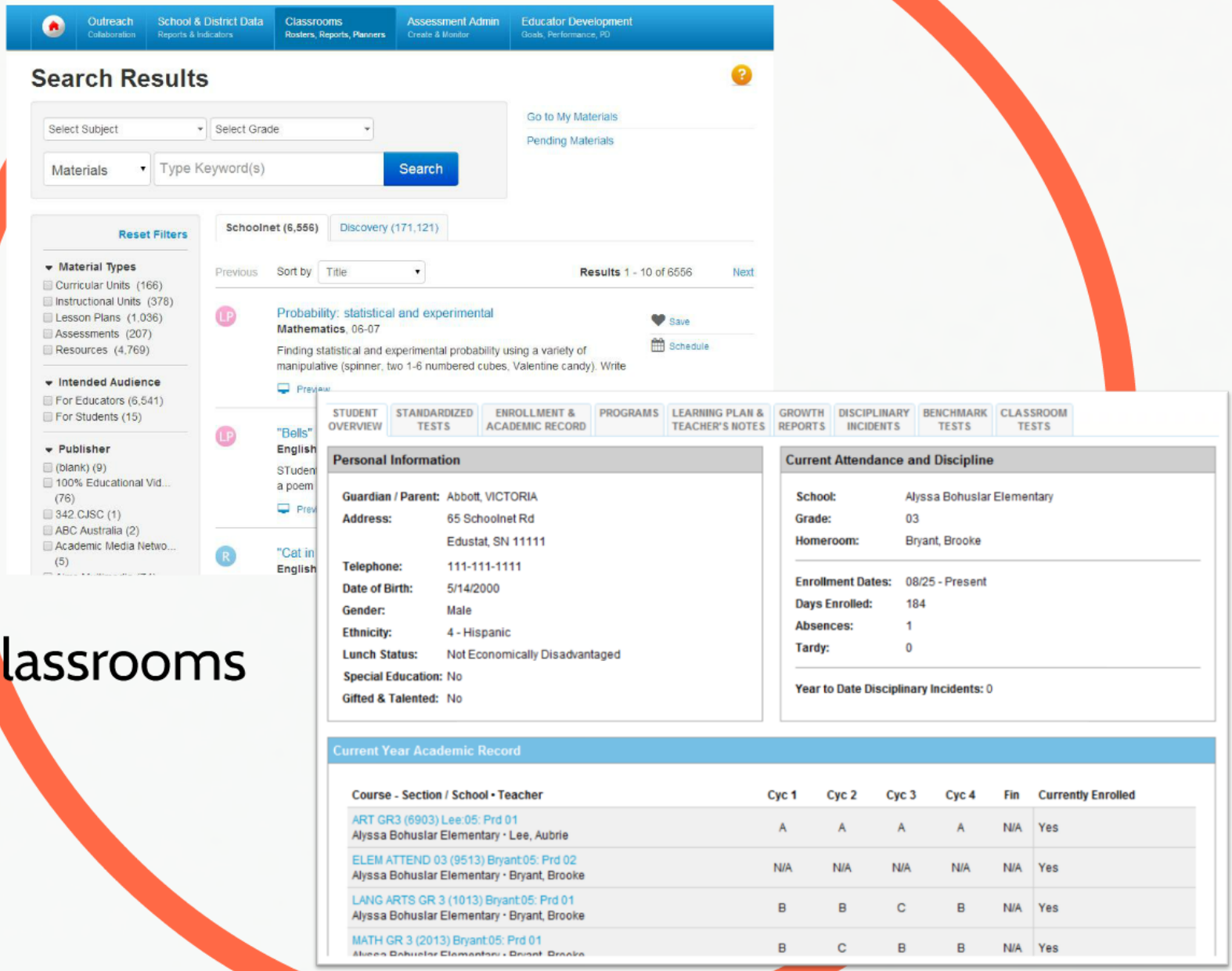


School and District Data

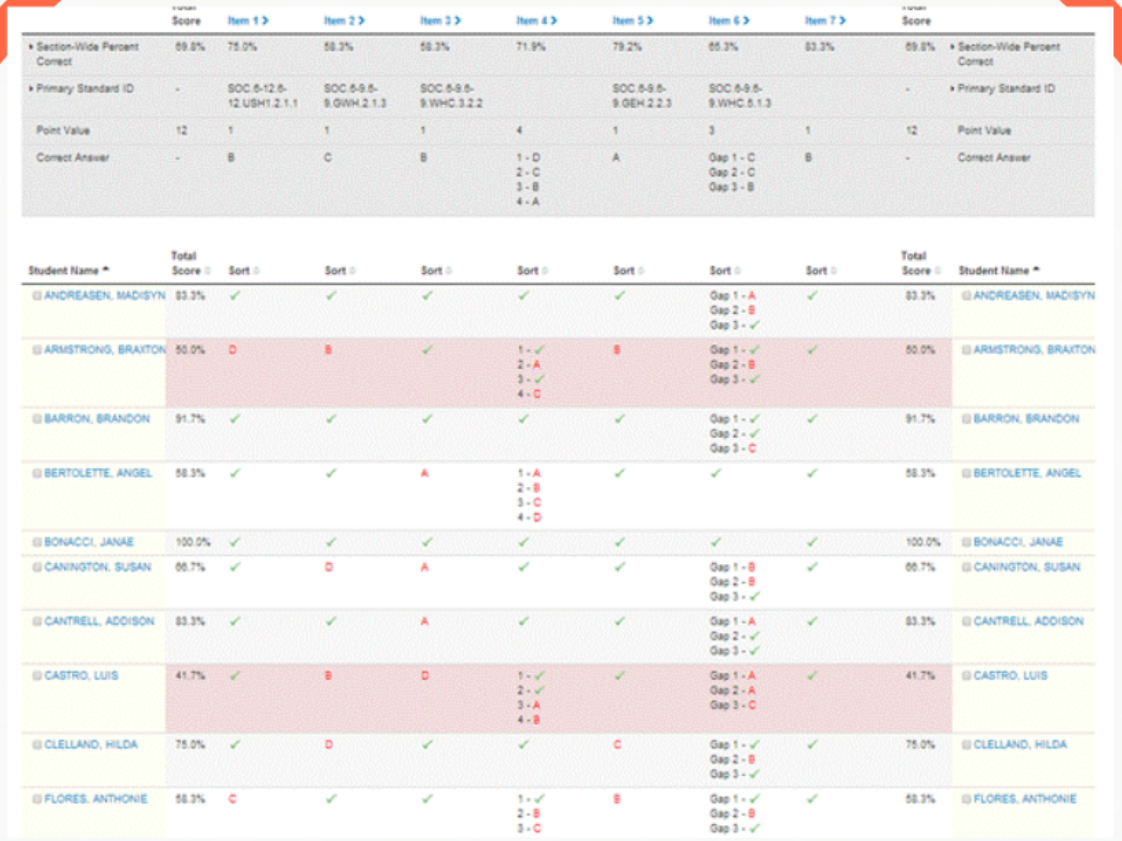
Prezi



Classrooms

Prezi

Classro

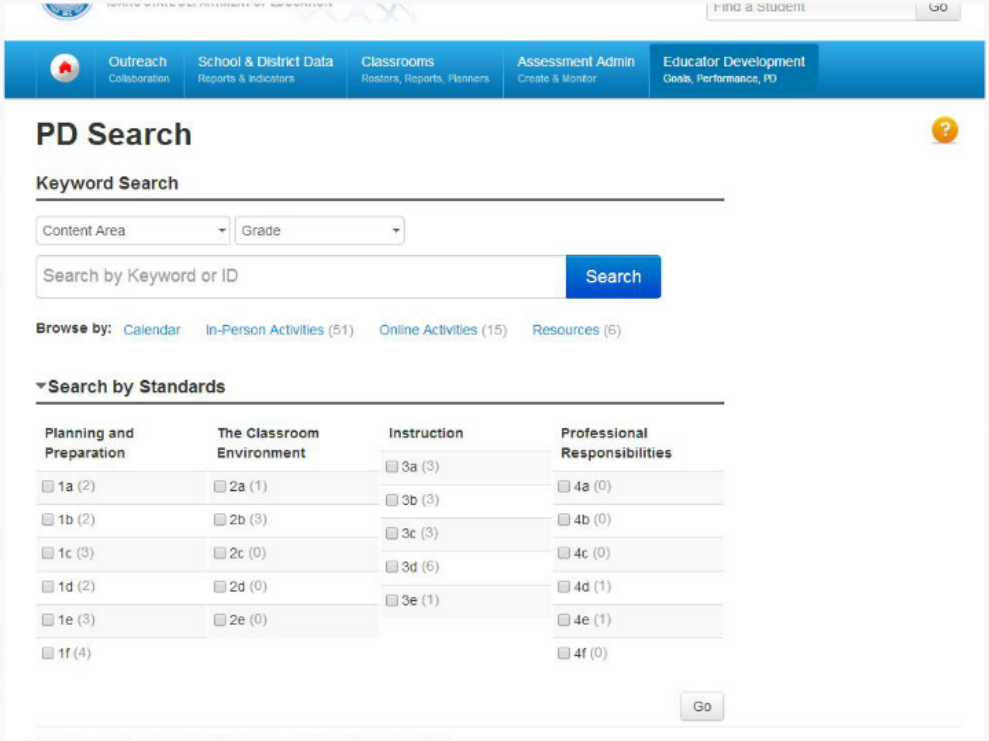


	Total Score	Item 1	Item 2	Item 3	Item 4	Item 5	Item 6	Item 7	Total Score	
Section-Wide Percent Correct	69.8%	75.0%	58.3%	58.3%	71.9%	79.2%	66.3%	83.3%	69.8%	Section-Wide Percent Correct
Primary Standard ID	-	SOC.6-12.6-12.USH1.2.1.1	SOC.6-9.6-9.GWH.2.1.3	SOC.6-9.6-9.WHC.3.2.2		SOC.6-9.6-9.GEH.2.2.3	SOC.6-9.6-9.WHC.5.1.3		-	Primary Standard ID
Point Value	12	1	1	1	4	1	3	1	12	Point Value
Correct Answer	-	B	C	B	1 - D 2 - C 3 - B 4 - A	A	Gap 1 - C Gap 2 - C Gap 3 - B	B	-	Correct Answer

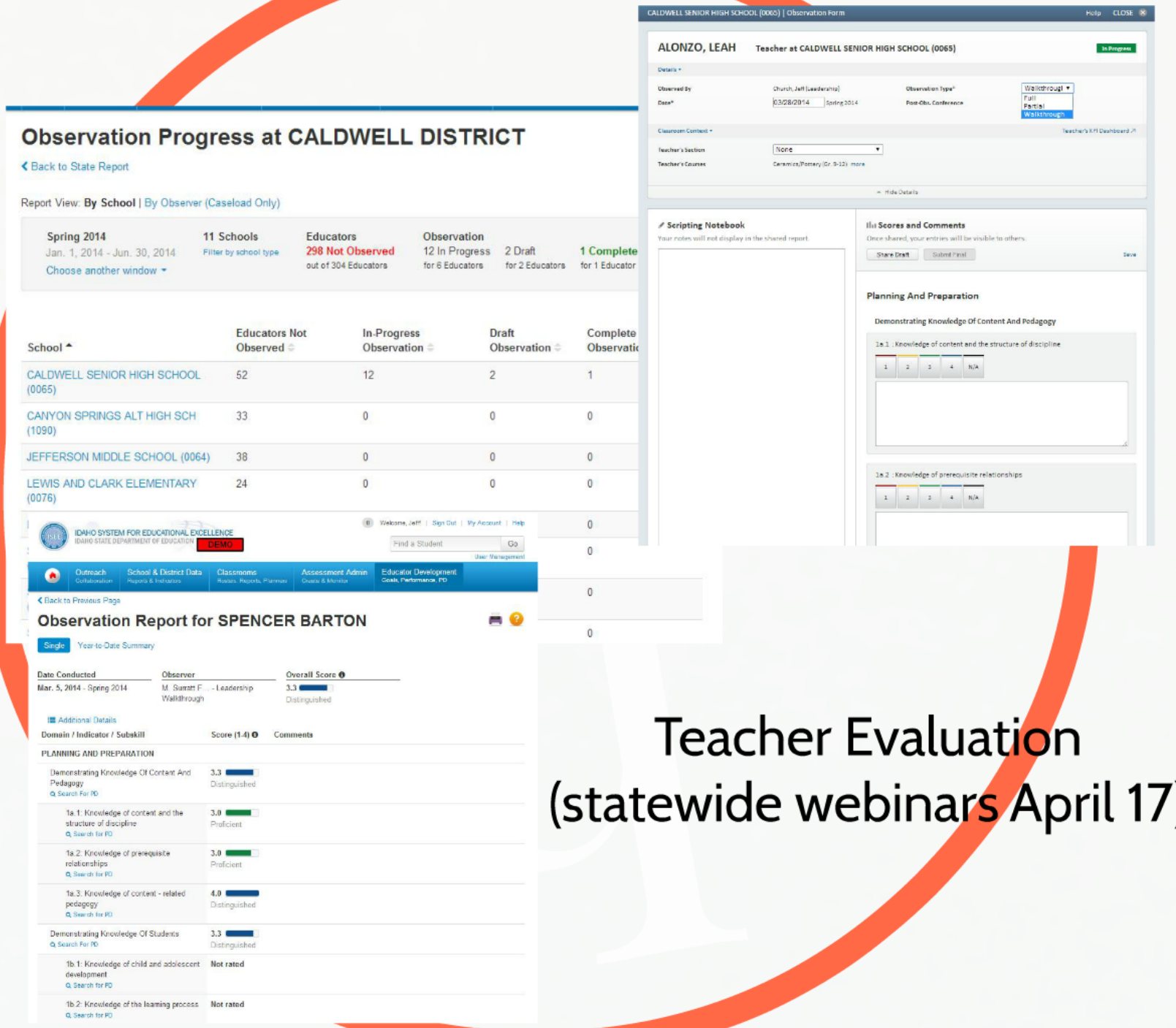
Student Name	Total Score	Sort	Sort	Sort	Sort	Sort	Sort	Sort	Total Score	Student Name
ANDREASEN, MADISYN	83.3%	✓	✓	✓	✓	✓	Gap 1 - A Gap 2 - B Gap 3 - ✓	✓	83.3%	ANDREASEN, MADISYN
ARMSTRONG, BRAXTON	50.0%	D	B	✓	1 - ✓ 2 - A 3 - ✓ 4 - C	B	Gap 1 - ✓ Gap 2 - B Gap 3 - ✓	✓	50.0%	ARMSTRONG, BRAXTON
BARRON, BRANDON	91.7%	✓	✓	✓	✓	✓	Gap 1 - ✓ Gap 2 - ✓ Gap 3 - C	✓	91.7%	BARRON, BRANDON
BERTOLETTE, ANGEL	58.3%	✓	✓	A	1 - A 2 - B 3 - C 4 - D	✓	✓	✓	58.3%	BERTOLETTE, ANGEL
BONACCI, JANAE	100.0%	✓	✓	✓	✓	✓	✓	✓	100.0%	BONACCI, JANAE
CANINGTON, SUSAN	66.7%	✓	D	A	✓	✓	Gap 1 - B Gap 2 - B Gap 3 - ✓	✓	66.7%	CANINGTON, SUSAN
CANTRELL, ADDISON	83.3%	✓	✓	A	✓	✓	Gap 1 - A Gap 2 - ✓ Gap 3 - ✓	✓	83.3%	CANTRELL, ADDISON
CASTRO, LUIS	41.7%	✓	B	D	1 - ✓ 2 - ✓ 3 - A 4 - B	✓	Gap 1 - A Gap 2 - A Gap 3 - C	✓	41.7%	CASTRO, LUIS
CLELLAND, HILDA	75.0%	✓	D	✓	✓	C	Gap 1 - ✓ Gap 2 - B Gap 3 - ✓	✓	75.0%	CLELLAND, HILDA
FLORES, ANTHONIE	58.3%	C	✓	✓	1 - ✓ 2 - B 3 - C	B	Gap 1 - ✓ Gap 2 - B Gap 3 - ✓	✓	58.3%	FLORES, ANTHONIE

Assessment Administration

Prezi

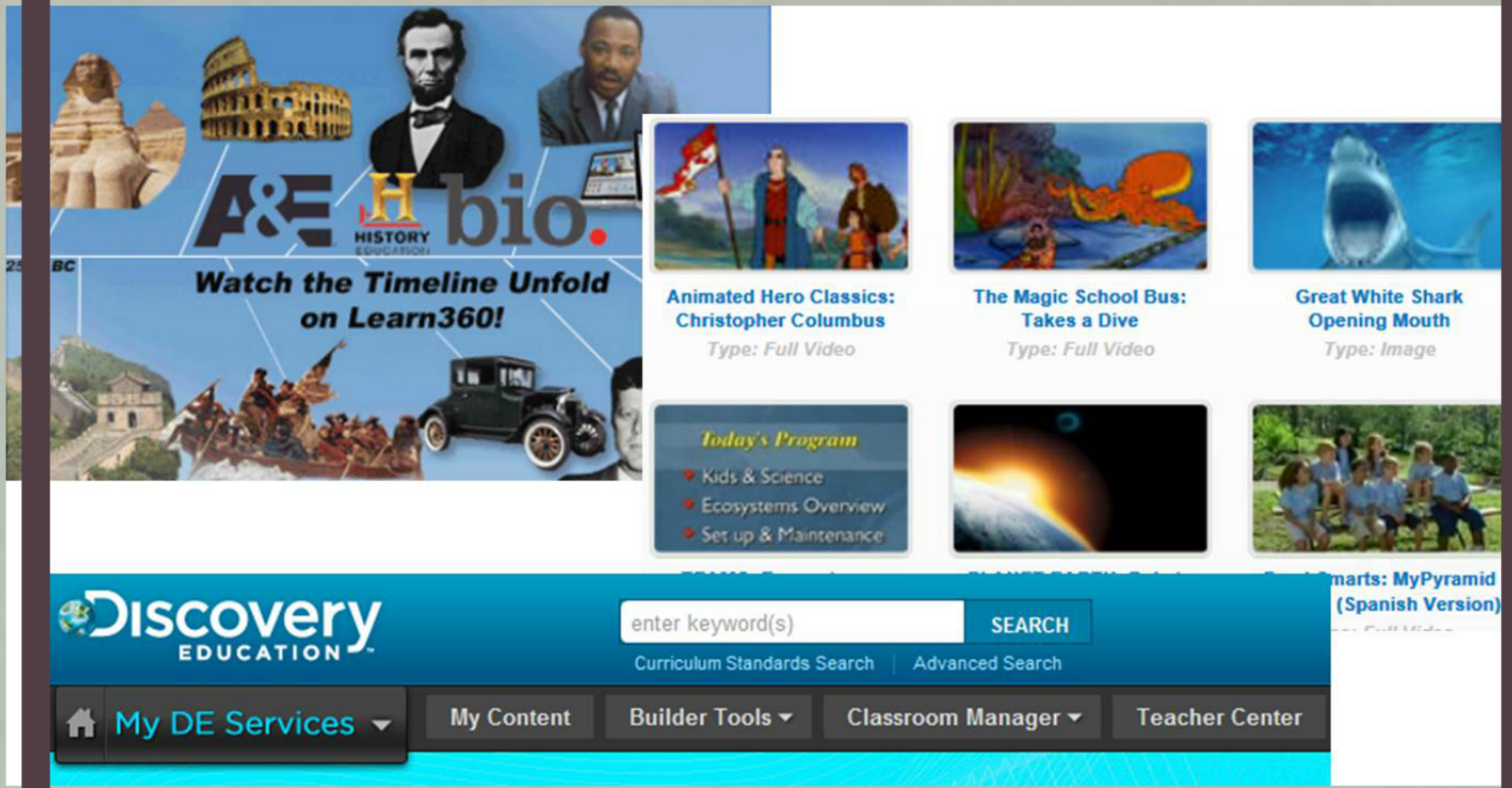


Educator Development Suite



Teacher Evaluation (statewide webinars April 17)

Prezi



Discovery Education Continues!

Prezi

New for FY15

$2 Million to districts calculated by support units on salary based apportionment.

Of the moneys appropriated in Section 3 of this act, the superintendent of public instruction may expend or distribute up to $4,500,000 for the maintenance, operation and licensing of the instructional improvement system known as the Idaho System for Educational Excellence Phase II (ISEE Phase II) that includes high quality digital learning resources and software linked to state and local curricula, model lesson plans, content and formative and summative assessments tied to rigorous college and career-ready standards, and safe and secure online knowledge sharing and collaboration systems; or for school districts and charter schools to implement and operate instructional improvement systems of their choice that inter face with the Idaho System for Educational Excellence (ISEE); or for other technology-related costs.

Allowable Uses of these funds include:

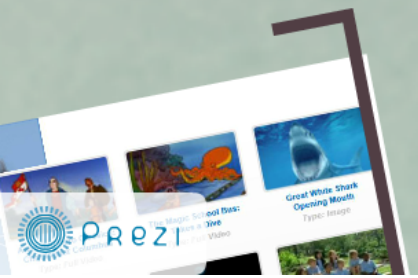
Purchasing your own IIS that interfaces with ISEE

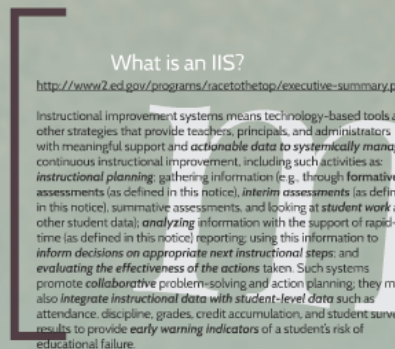
OR

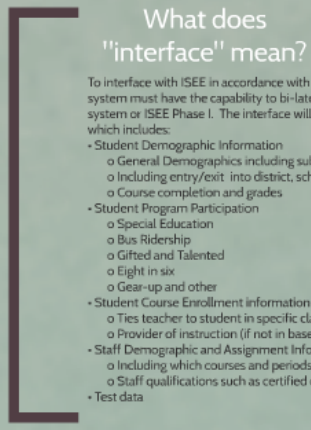
IT Staffing costs

OR

Classroom Technology







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Allowable Uses of these funds include:

Prezi

What is an IIS?

http://www2.ed.gov/programs/racetothetop/executive-summary.pdf

Instructional improvement systems means technology-based tools and other strategies that provide teachers, principals, and administrators with meaningful support and ***actionable data to systemically manage*** continuous instructional improvement, including such activities as: ***instructional planning***; gathering information (e.g., through **formative assessments** (as defined in this notice), ***interim assessments*** (as defined in this notice), summative assessments, and looking at ***student work*** and other student data); ***analyzing*** information with the support of rapid-time (as defined in this notice) reporting; using this information to ***inform decisions on appropriate next instructional steps***; and ***evaluating the effectiveness of the actions*** taken. Such systems promote ***collaborative*** problem-solving and action planning; they may also ***integrate instructional data with student-level data s***uch as attendance, discipline, grades, credit accumulation, and student survey results to provide ***early warning indicators*** of a student's risk of educational failure.

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What does "interface" mean?

To interface with ISEE in accordance with the intent language in HB643, the system must have the capability to bi-laterally communicate with the SDE data system or ISEE Phase I. The interface will connect the student digital backpack which includes:

- Student Demographic Information
  - o General Demographics including sub-group information
  - o Including entry/exit into district, school and courses
  - o Course completion and grades
- Student Program Participation
  - o Special Education
  - o Bus Ridership
  - o Gifted and Talented
  - o Eight in six
  - o Gear-up and other
- Student Course Enrollment information
  - o Ties teacher to student in specific classes and period of instruction
  - o Provider of instruction (if not in base district)
- Staff Demographic and Assignment Information
  - o Including which courses and periods of instruction are provided
  - o Staff qualifications such as certified or non-certified (a proctor)
- Test data

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$2,000,000

Approximately $135 per support unit

Be prepared to to report to SDE how you've spent these funds...

1) IIS that interfaced with ISEE
2) IT Staffing
3) Classroom Technology

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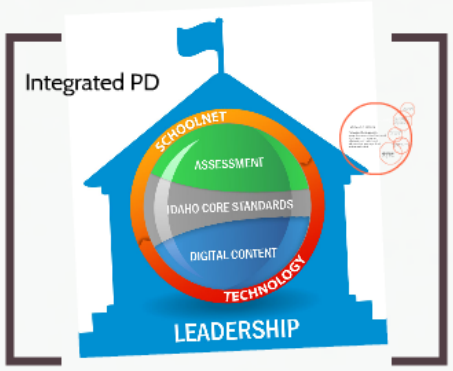
Professional Development

FY13 Funds (distributed June 2013): $2.4 Million ($15,000 per district/charter) to develop a 3 year PD Plan that incorporates Idaho Core, Balanced Assessments, Digital Content/Technology, and supports Data Driven Instructional Practices

FY14 Funds: Approximately $3 Million ($150 per Instructional FTE) when PD plan is submitted

PD Plans Due June 15, 2014



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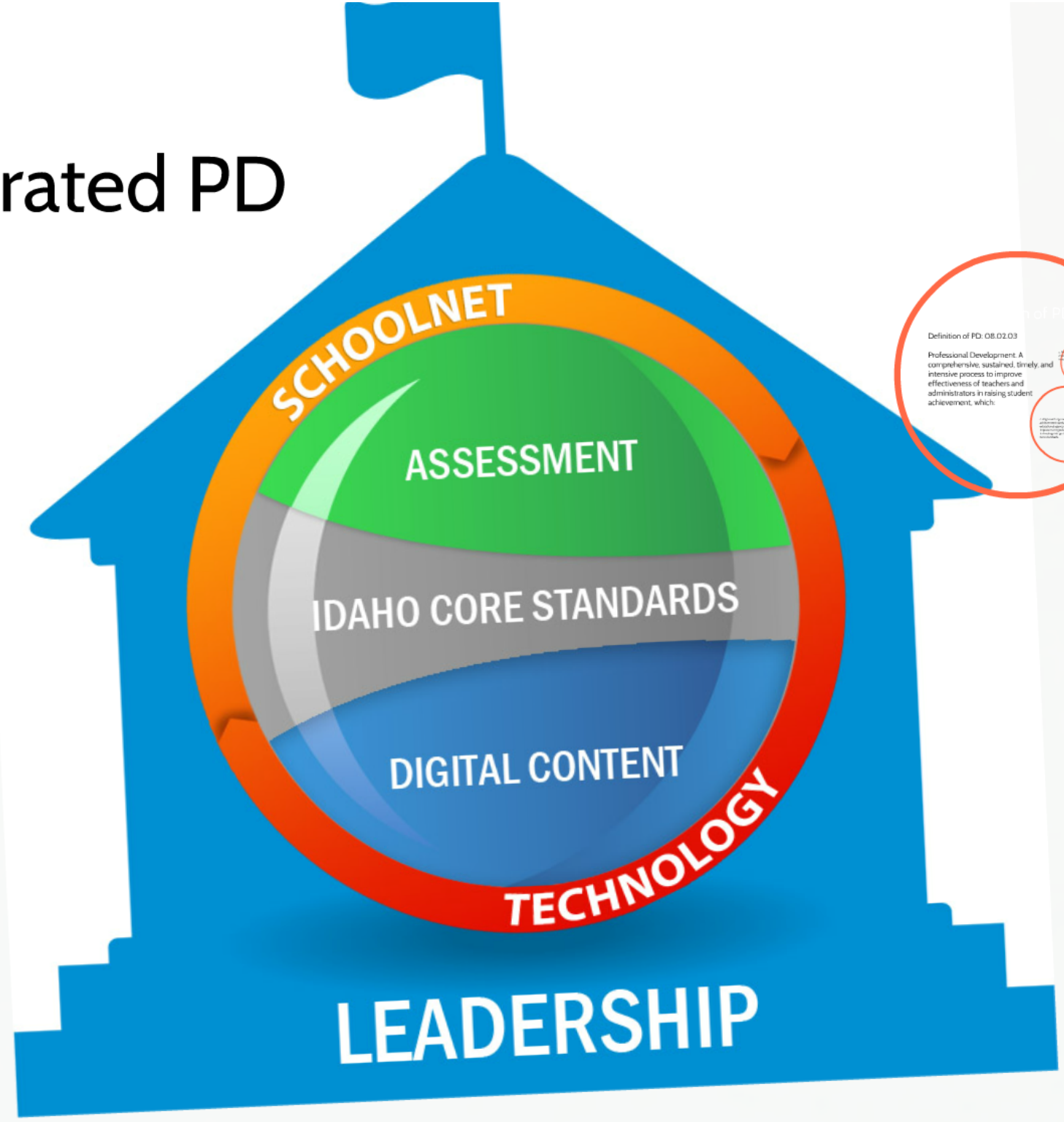
Integrated PD



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Definition of PD: 08.02.03

Professional Development. A comprehensive, sustained, timely, and intensive process to improve effectiveness of teachers and administrators in raising student achievement, which:

e. Fosters a collective responsibility by educators within the school for improved student performance and develops a professional learning community.

d. Is facilitated by well-prepared school administrators, coaches, mentors, master teachers, lead teachers, or third-party providers under contract with the State Department of Education, school district, or charter school, and supported by external research, expertise, or resources.

c. Provides opportunities that are individualized enough to meet distinct and diverse levels of need for teachers and administrators.

b. Utilizes data driven instruction using a thorough review and continual evaluation of data on teacher and student performance to define clear goals and distinct outcomes.

a. Aligns with rigorous state academic achievement standards, local educational agency goals, school improvement goals, effective technology integration, and Idaho Core standards.

Prezi

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Prezi

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school

Prezi

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Prezi

community.

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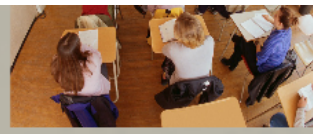
e. Fosters a collective responsibility by educators within the school for improved student performance and develops a professional learning community.

FY 15 PD funds

$9.455 Million statewide

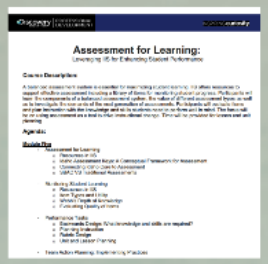
1) Implementation of Idaho Core
2) Identification of G/T Students, obtain gifted education certification, meet requirements of 33-2003
3)Ability for teachers to provide career or academic counseling



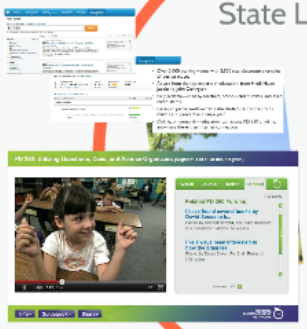
Peer Mentoring & Teacher Leaders

Instructional Co

Discovery Modules



State Level Efforts



Idaho Core Coaches
www.sde.idaho.gov/site/common/

Regional Core Leads

Discovery Ed Trainings

Data Coaches

Assessment Coaches

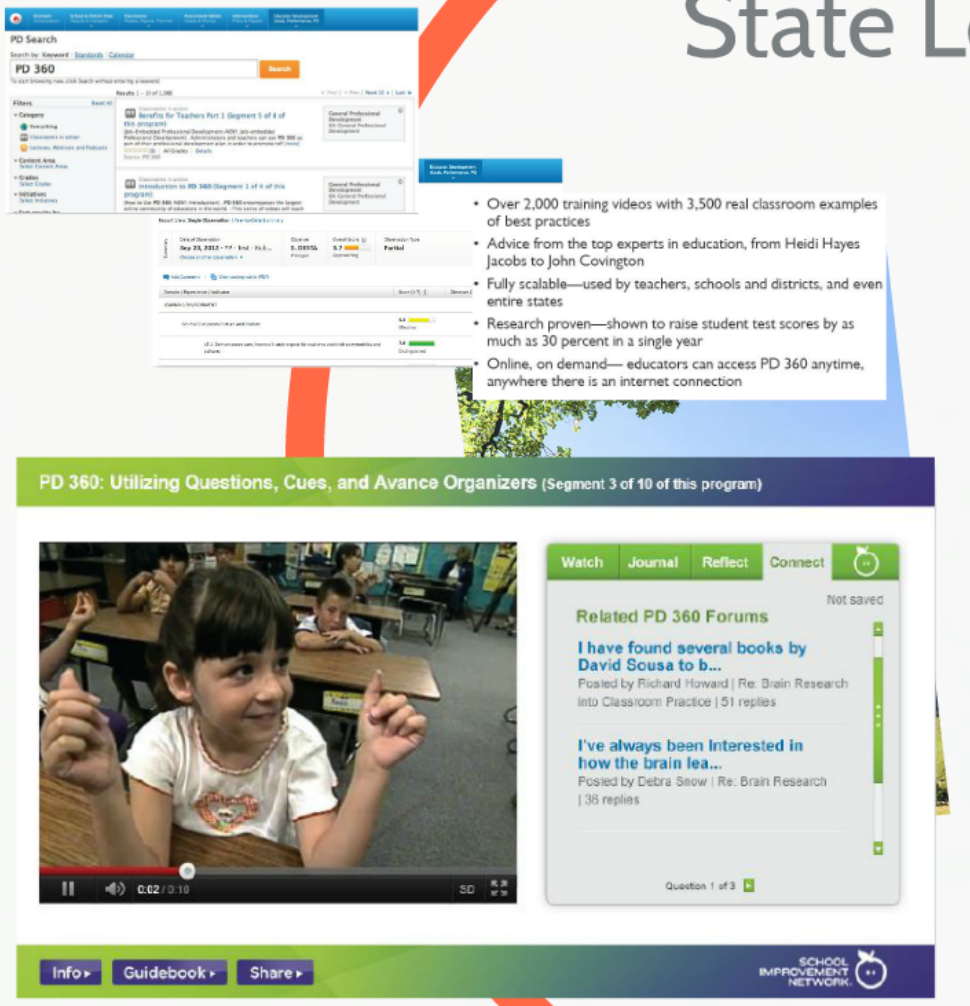
School Improvement Network digital resources in Schoolnet

Collaborative Learning

Teacher Professional Development Days

Recurring Training or Reflection Time

State Level Efforts



Idaho Core Coaches
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Regional Core Leads

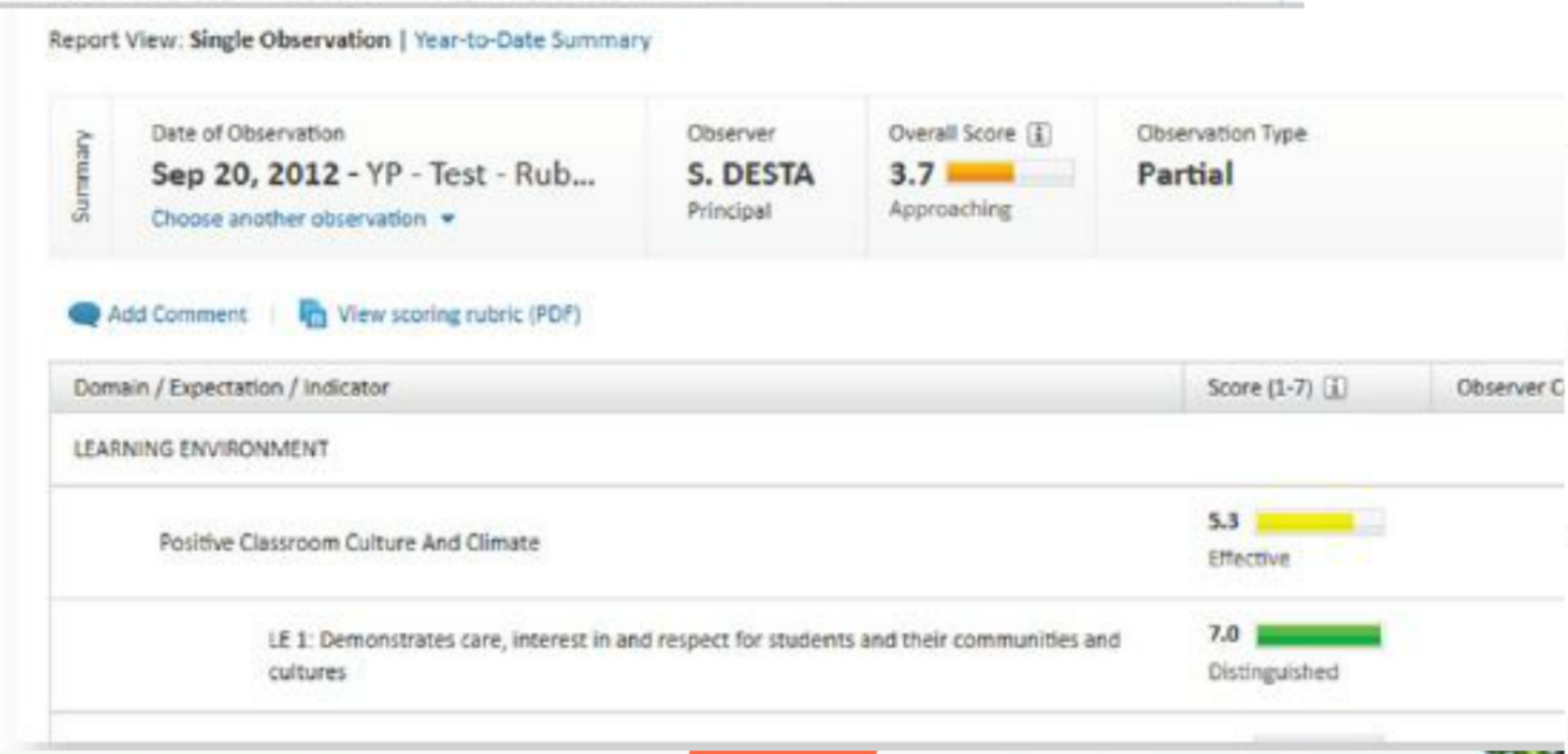
Discovery Ed Trainings

Data Coaches

Assessment Coaches

School Improvement Network digital resources in Schoolnet

- Over 2,000 training videos with 3,500 real classroom examples of best practices
- Advice from the top experts in education, from Heidi Hayes Jacobs to John Covington
- Fully scalable—used by teachers, schools and districts, and even entire states
- Research proven—shown to raise student test scores by as much as 30 percent in a single year
- Online, on demand— educators can access PD 360 anytime, anywhere there is an internet connection



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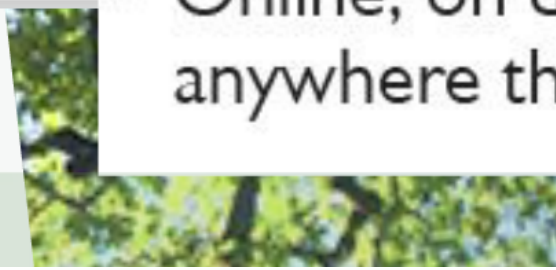

Prezi

anywhere there is an internet connection

PD 360: Utilizing Questions, Cues, and Avance Organizers (Segment 3 of 10 of this program)

Watch | Journal | Reflect | Connect

Not saved

Related PD 360 Forums

I have found several books by David Sousa to b...
Posted by Richard Howard | Re: Brain Research into Classroom Practice | 51 replies

I've always been interested in how the brain lea...
Posted by Debra Snow | Re: Brain Research | 36 replies

Question 1 of 3

Info ▸ Guidebook ▸ Share ▸

SCHOOL IMPROVEMENT NETWORK.

Prezi

Discovery Modules

Discovery EDUCATION | PROFESSIONAL DEVELOPMENT — INSPIRING curiosity

Assessment for Learning:

Leveraging IIS for Enhancing Student Performance

Course Description:

A balanced assessment system is essential for maximizing student learning. IIS offers resources to support effective assessment including a library of items for monitoring student progress. Participants will learn the components of a balanced assessment system, the value of different assessment types as well as to investigate the demands of the next generation of assessments. Participants will evaluate items and plan instruction with the knowledge and skills students need to perform well in mind. The focus will be on using assessment as a tool to drive instructional change. Time will be provided for lesson and unit planning.

Agenda:

Module Five

- Assessment for Learning
  - Resources in IIS
  - Idaho Assessment Keys: A Conceptual Framework for Assessment
  - Connecting Idaho Core to Assessment
  - SBAC VS Traditional Assessments
- Monitoring Student Learning
  - Resources in IIS
  - Item Types and Utility
  - Webb's Depth of Knowledge
  - Evaluating Quality of Items
- Performance Tasks
  - Backwards Design: What knowledge and skills are required?
  - Planning Instruction
  - Rubric Design
  - Unit and Lesson Planning
- Team Action Planning: Implementing Practices

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Teacher Professional Development Days

Recurring Training or Reflection Time

Collaborative Learning

Instructional Coaches

app

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Peer Mentoring & Teacher Leaders

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Use your Leadership Awards!

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Professional Learning Communities

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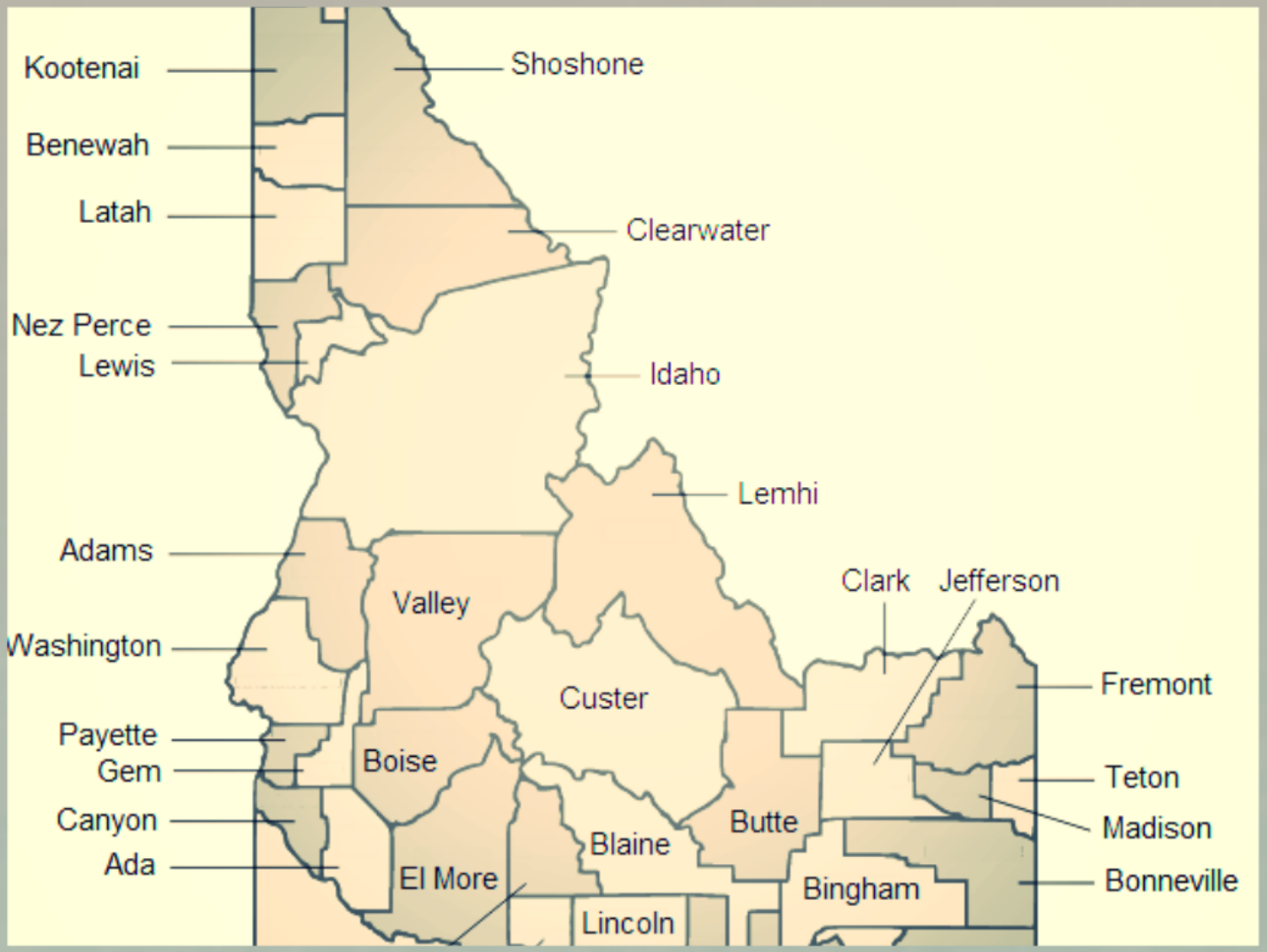


Build a Consortium

Prezi

Contracted PD Services

Prezi

Conferences and Sharing

Continuing Ed Credits

Prezi

Peer Mentoring & Teacher Leaders

How much will you get? $15,000 base, plus approximately $390 per certified FTE

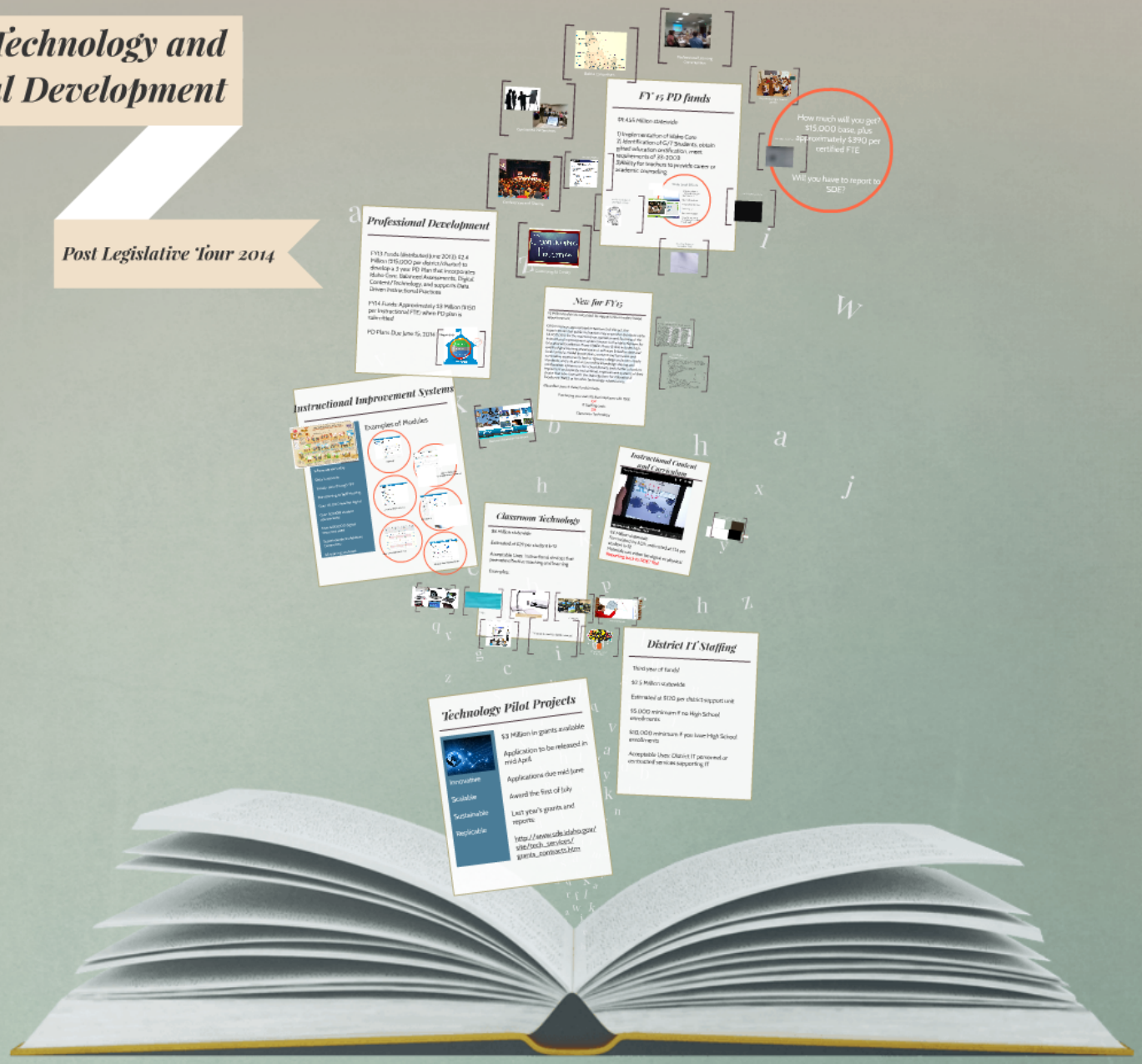
Instructional Coaches

Will you have to report to SDE?

Collaborative Learning

Instructional Technology and Professional Development

Post Legislative Tour 2014



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